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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/720,528	11/25/2003	Patricia J. Marut	1025 / 93154pus	5135

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EXAMINER

YEUNG, JAMES C

ART UNIT	PAPER NUMBER
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3749

DATE MAILED: 08/11/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/720,528

Applicant(s)

MARUT ET AL.

Examiner

James C Yeung

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 November 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 18-24 is/are rejected.
- 7) ☐ Claim(s) 3-17 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 04302004.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-2 are rejected under 35 U.S.C. 102(b) as being anticipated by Clark (U.S. Pat. 6,606,988). The structure as claimed is fully anticipated by Clark. In particular, Clark shows in Fig. 1, a portable concave reflector assembly comprising:

a hub member (42) defining a hub axis;

at least two blade member (16) radiating from the hub member (16), with each one of the blade members being identical in size and shape to each other one of the blade member;

a hub interlocking means (not numbered in Fig. 1) for holding each of the blade members (18) in selectively locked and secured relation with respect to the hub member (42); and

a blade interlocking means (38) for holding each of the blade members (18) in selectively locked and secured relation with respect to each adjacent one of the blade members (18);

Wherein the hub member (42) and the blade members (18) together form a continuous front face throughout three hundred and sixty degrees about the hub axis, and wherein the portable reflector

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assembly has a concave dish-shaped profile for directing substantially parallel waves of incident radiant energy to a general focal area.

3. Claims 1, 18-19, and 22-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Tarcici '134 (prior art cited by applicant). The structure as claimed is fully anticipated by Tarcici '134.

In particular, Tarcici '134 shows in Figs. 1-7, a portable concave reflector assembly comprising:

- a hub member (27) defining a hub axis;

- at least two blade member (11a) radiating from the hub member (27), with each one of the blade members being identical in size and shape to each other one of the blade member;

- a hub interlocking means (at 25) for holding each of the blade members (18) in selectively locked and secured relation with respect to the hub member (27); and

- a blade interlocking means (note elements 53a and 54a, Fig. 6) for holding each of the blade members in selectively locked and secured relation with respect to each adjacent one of the blade members;

wherein the hub member (27) and the blade members (18) together form a continuous front face throughout three hundred and sixty degrees about the hub axis, and wherein the portable reflector assembly has a concave dish-shaped profile for directing substantially parallel waves of incident radiant energy to a general focal area.

In regard to claims 18-19, Tarcici '134 shows in Fig. 1 that the concave reflector assembly includes a tripod mounting assembly (16,17).

4. Claims 1-2, and 20-21 are rejected under 35 U.S.C. 102(b) as being anticipated by Clevett. The structure as claimed is fully anticipated by Clevett. In particular, Clevett shows in Figs. 7-9, a portable concave reflector assembly comprising:

a hub member (54) defining a hub axis;

at least two blade member (44) radiating from the hub member (54), with each one of the blade members being identical in size and shape to each other one of the blade member;

a hub interlocking means (at 50) for holding each of the blade members (44) in selectively locked and secured relation with respect to the hub member (54); and

a blade interlocking means (94,96) for holding each of the blade members (44) in selectively locked and secured relation with respect to each adjacent one of the blade members (44);

wherein the hub member (54) and the blade members (44) together for, a continuous front face throughout three hundred and sixty degrees about the hub axis, and wherein the portable reflector assembly has a concave dish-shaped profile for directing substantially parallel waves of incident radiant energy to a general focal area.

In regard to claims 20-21, Clevett shows in Fig. 7 that the concave reflector assembly includes a directional guide means (82 and/or col. 6, line s 51-53).

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5. Claims 3-17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

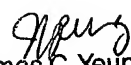
6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Erwin and Von Konig (German Pat. 3520694) are cited to show solar adjustable cooker mechanism.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to James C Yeung whose telephone number is 703 308-1047. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JY
August 9, 2004


James C. Yeung
Primary Examiner